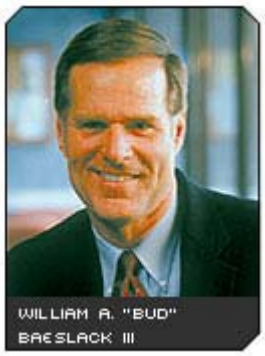
South Carolina Research Centers of Economic Excellence
On-Site Review Panel 2003-04

William A. "Bud" Baeslack III, Ph.D. (Rensselaer Polytechnic Institute)
Professor and Dean, School of Engineering
Rensselaer Polytechnic Institute



Dr. Baeslack is internationally recognized for his research on the materials science and engineering aspects of joining advanced materials, including titanium, aluminum and nickel-base alloys, intermetallics and metal-matrix composites. He and his students have authored over one hundred and fifty journal and proceedings articles.

Prior to joining Rensselaer in 1999, Dr. Baeslack served The Ohio State University as Interim Vice President for Research, and as Associate Dean for Research in the College of Engineering. Dr. Baeslack has selectively consulted for a diversity of high technology companies and has received numerous university and national awards for excellence in teaching and research. As a reserve Lt. Colonel assigned to the Materials Directorate at the Air Force Research Laboratory, Dr. Baeslack performed research on advanced material processing, provided consultation on aerospace materials, and promoted technology transfer from the Air Force to industry.

Thomas J. Braciale, M.D., Ph.D. (University of Pennsylvania)
Director, Beirne Carter Center for Immunology Research
University of Virginia

Dr. Braciale is a professor in the Departments of Pathology and Microbiology at the University of Virginia, and Director of the Beirne B. Carter Center for Immunology Research.

From Dr. Braciale's Vita: Associate Editor, Journal of Experimental Medicine, 1992-present; Section Editor, Journal of Immunology, 1987-1991; Associate Editor, Journal of Immunology, 1982-1991; Member, NIH Experimental Virology Study Section, member, 1983-1987; Fellow of the Jane Coffin Childs Memorial Fund for Medical Research, 1976-1978 ; Member, Editorial Board, Journal of Virology, 1986-present; Member, Editorial Board, Virology, 1990-present; Associate Editor, Molecular Biology and Medicine, 1988-present; Associate Editor, Immunology and Cell Biology, 1991-present; Merit Award USPHS Grant AI-15608, 9/1/91; Member, Board of Scientific Counselors NIH, Division of Research Grant 1991-1996, Chairperson, 1994-1996; Member, National Board of Medical Examiners 1995-1998; Member, Scientific Advisory Board, Damon Runyon-Walter Winchell Foundation Cancer Research Fund, 1996-2000; Member, Arthritis Foundation, Scientific Review Panel, 1995-1998; Member, American Society for Virology, 1996; Member, N.I.H., Peer Review Oversite Group (PROG), 1996-1999; Member, Cardiovascular Research Center Scientific Advisory Committee, 2000-present.

Mario J. Gonzalez, Ph.D. (University of Texas - Austin)
Southwestern Bell Foundation Endowed Professor In Engineering
University of Texas - Austin

Dr. Mario J. Gonzalez has served as a Distinguished Visitor of the IEEE Computer Society. He is a recipient of an AMOCO Teaching Award, the ASEE Centennial Medallion, the Outstanding University Professor Award presented at the Hispanic Engineer National Achievement Awards Conference, and several leadership and service awards at U. T. Austin. Dr. Gonzalez is a Fellow of IEEE

Dr. Gonzalez was born and raised in Laredo, Texas. He received a BS, MS, and Ph.D. degrees in Electrical Engineering at The University of Texas at Austin. In between undergraduate and graduate studies, he worked as an applications programmer for the Boeing Co. in Seattle, Washington and served on active duty for two years as an officer in the U. S. Army

While conducting his graduate studies, he worked for Applied Research Laboratories in Austin, and upon completion of his graduate work he served for two years as a Member of the Technical Staff in the Government Products Division of Texas Instruments. After working for TI he was a faculty member at Northwestern University in Evanston, Illinois for four years and then relocated to The University of Texas at San Antonio where he was a faculty member for nine years and the founding director of the Division of Engineering

He has been at The University of Texas at Austin since 1986, serving as a faculty member, Associate Dean for Academic Affairs in the College of Engineering, and chairman of the Department of Electrical and Computer Engineering. In his current assignment he is an executive officer of The University of Texas System where he has assists the chancellor in a number of areas, especially in South Texas/Border Area Development and Telecommunications and Information Technology

From the beginning of his graduate studies, Dr. Gonzalez's research interests have focused on a number of issues related to multiple processor systems: scheduling, performance, and matching architectures to algorithms. His more recent work related responsibilities and interests have concentrated on the impact of information technology on education, teaching, and learning

Dr. Gonzalez is a member of the National Research Council's Board on Engineering Education, the IEEE Committee on Engineering Accreditation Activities, and the Administrative Committee of the IEEE Education Society. He has served on many review panels and advisory committees including the National Science Foundation, Los Alamos National Laboratory, Texas A&M University, and The University of Texas at El Paso

Dr. Gonzalez has also been an external reviewer for undergraduate and graduate programs in electrical engineering and computer science in the United States and Mexico, and he continues to serve as an evaluator for the Accreditation Board for Engineering and Technology

Susanne Huttner, Ph.D. (UCLA)
Associate Vice Provost for Research, Executive Director, IUCRP
University of California

Susanne Huttner is Associate Vice Provost for Research in the University of California Office of the President. She creates and leads major research initiatives, including the California Institutes for Science and Innovation initiative, that are aimed at maximizing the impact of UC research and education on the California economy.

Dr. Huttner is the founder and Executive Director of UC's Industry-University Cooperative Research Program (IUCRP), a $60 million/year R&D-intensive initiative based on a three-way partnership between the State of California, the University of California, and California Industry. The IUCRP's UC Discovery Grants, with joint funding from industry and the State, support fundamental research projects that directly link UC researchers and California's entrepreneurial firms across five industrial sectors: biotechnology, communications and networking, digital media, information technology for life sciences, and semiconductor manufacturing. Dr. Huttner also oversees an economics research program that promotes public understanding of the way public investment in research universities contributes to economic growth.

Her previous positions include directing the UC Systemwide Biotechnology Research and Education Program, and teaching neurobiology at the Marine Biological Institute at Woods Hole, Massachusetts. She has a bachelor's degree from UC Berkeley and a PhD in neuroscience from UCLA.

David Millhorn, Ph.D. (Ohio State University)
Director, Cincinnati Genome Research Institute
University of Cincinnati Medical Center

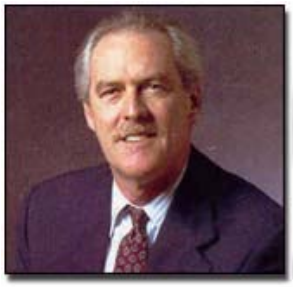
Chair – 2003 SC Research Centers On-Site Review Panel

David Millhorn, PhD, heads the University of Cincinnati Genome Research Institute in Reading, Ohio. He is chairman of the Department of Molecular and Cellular Physiology at the UC College of Medicine, a position he has held since 1994, when he was recruited from the University of North Carolina.

From Dr. Millhorns' CV: Assistant Professor, Department of Physiology, UNC-Chapel Hill; 1982-87 Established Investigator, American Heart Association; 1986-87 Visiting Scientist, Karolinska Institute, Stockholm, Sweden (T. Hokfelt); 1987-93 Associate Professor, Department of Physiology, UNC-CH; 1988-93 Career Investigator, American Lung Association; 1988-92 Editorial Board, American J. Physiology (Lung: Cellular and Molecular Physiology); 1989-96 Member I.U.P.S. Commission on the Autonomic Nervous System; 1993 Award Lecture, Japanese Physiology Society, Tokyo; selected for Sharpe, Merck and Dohme Distinguished Professorship, Flinders University, Adelaide, Australia; 1993-94 Professor, Department of

Physiology, Curriculum in Neurobiology, UNC-CH; 1993-94 Professor, Program in Molecular Biology and Biotechnology; 1994 Editorial Boards, Respiration Physiology & American J. Physiology; 1994-02 Professor and Chairman, Department of Molecular & Cellular Physiology, University of Cincinnati; 1999-2002 Consultant Millennium Pharmacueticals; 1996-06 NIH Merit Award; 1996-06 Board of Directors, BioStart, Inc.; 1999- Investigator, Shriner's Burns Institute; 1997 Neuroscience Award Lecture, Center for Excellence in Neuroscience, LSU;1999-2000 Consultant Ministry of Science and Technology of Portugal; 2000 Consultant, King Faud Medical School, Saudi Arabia; 2000-NIDDK (NIH) Steering Committee for Biotechnology Centers; 2001 Director, Genome Research Institute; 2001 Bieran Lecture, McGill University; 2001 Plenary Lecture ISCCB; 2002 Professor and Chairman, Department of Genome Science, University of Cincinnati; 2 2002- Consultant, Procter & Gamble Pharmaceuticals, 2003-2006 Associate Editor, Physiological Genomics; 2003 Governor's Advisory Committee for 3rd Frontier Plan; 2003, 2004 Consultant, South Carolina Endowed Chairs Program; 2003 Dean's Research Cabinet; 2002 Consultant, New York State Office of Science Technology and Academic Research (NYSTAR).

J. Dennis O'Connor, Ph.D. (Northwestern University)
Vice President for Research and Dean of Graduate Studies
University of Maryland



Appointed in 2002, J. Dennis O'Connor brings decades of experience to the Division of Research and Graduate Studies. As Vice President for Research and Dean of Graduate Studies, Dr. O'Connor is responsible for the management of a research budget of over $300 million dollars; this budget covers numerous projects and comes from federal, state, and private sources.

Dr. O'Connor received his B.S. degree from Loyola University (Chicago) in 1963, his M.A. from DePaul University in 1966, and his Ph.D. in Biology from Northwestern University in 1968.

Throughout his career, Dr. O'Connor has held a long line of distinguished positions, most recently as Under Secretary for Science at the Smithsonian Institution. As Under Secretary for Science, Dr. O'Connor oversaw numerous research projects as well a number of world-renowned institutions, including the National Zoological Park and Conservation Center, the National Museum of Natural History, The Environmental Research Center on the Chesapeake Bay, and the Smithsonian Astrophysical Observatory. Prior to serving as Under Secretary, Dr. O'Connor served as the Provost of the Smithsonian (1996-2002), Chancellor of the University of Pittsburgh (1991-1995), and Vice-Chancellor of Academic Affairs & Provost, University of North Carolina, Chapel Hill (1988-1991).

An accomplished scientist and academic in his own right, Dr. O'Connor has also held professorships at a number of institutions, including University of Pittsburgh, University of North Carolina at Chapel Hill, University of California, Los Angeles, Monash University (Melbourne, Australia), and University of Nijmegen (Holland).

Dr. O'Connor's research focuses primarily on invertebrate biology, most specifically on the hormonal and genetic processes of metamorphosis. He has published more than 80 articles and given dozens of academic lectures (in both the U.S. and abroad) on these topics. Dr.

O'Connor serves on a number of Executive Boards for organizations around the country, and is a member of several respected professional organizations: the American Society of Zoology, the Society of Developmental Biology, and the American Society of Molecular Biology and Biochemistry. He is also a Fellow of the American Association for Advancement of Science.

E. Garrison Walters, Ph. D. (Ohio State University)
Vice Chancellor for Academic Affairs and Economic Advancement
Ohio Board of Regents

Garrison Walters is Vice Chancellor for Academic Affairs and Economic Advancement with the Ohio Board of Regents. His current responsibilities include academic program review and approval, research, and workforce development.

Dr. Walters' group developed and led higher education's effort to secure funding for a massive state investment in research/ commercialization—now Governor Taft's $1.1 billion Third Frontier program. The group also developed the plans for and is leading the implementation of a statewide "dark fiber" network, primarily in support of research. Some 1,600 miles of fiber, together with needed equipment, have been purchased and the network backbone should be fully lit by the end of 2004. Federal support in the amount of $5.1 million has been secured for FY '05 to advance use of the network in the areas of shared instrumentation, medical collaboration, and science education.

The Academic Affairs group oversees about $25 million annually in research funding, including competitions for collaboratives and for endowed "Ohio Eminent Scholar" chairs. Academic Affairs also leads special initiatives, including the building of the OhioLINK library and information system; a current major project is in computational science. Dr. Walters has been PI/PD on an $11 million NSF grant in science and mathematics education, and has published books on the history of Eastern Europe and on Computer Technology.